

Delay	Method name	Ranks after 2 iterations					Ranks after 4 iterations				
0.150	getAccount()	8	8	6	9	18	7	9	8	5	7
	getProductListByCategory(String)	2	340	7	4	2	3	4	6	1	264
	getCategoryId()	4	6	8	7	3	8	7	4	4	4
0.100	setPassword(String)	7	4	2	1	1	5	2	2	2	3
	getItemListByProduct(String)	11	9	9	12	6	9	11	11	9	8
	getProductId()	3	1	4	2	4	2	1	3	7	2
0.050	getUsername()	9	7	5	10	19	6	8	7	8	6
	getName()	1	2	3	6	7	1	351	5	3	9
	setZip(String)	6	3	1	3	5	4	10	1	6	1
# of iter	Statistics	2 iterations					4 iterations				
iter #1	M _{runningTime_goodTraces_1}	1217.9	1179.4	1232.3	1270.2	1184.4	1217.9	1179.4	1232.3	1270.2	1184.4
	M _{runningTime_badTraces_1}	940.2	921.1	1011.3	986.3	870.8	940.2	921.1	1011.3	986.3	870.8
	SD _{runningTime_goodTraces_1}	159.3	64.9	86.2	149.7	73.7	159.3	64.9	86.2	149.7	73.7
	SD _{runningTime_badTraces_1}	151.6	83.5	67.7	110.7	111.4	151.6	83.5	67.7	110.7	111.4
	Ratio _{goodTraces/badTraces_1}	9/6	4/6	7/8	8/7	5/5	9/6	4/6	7/8	8/7	9/6
iter #2	M _{runningTime_goodTraces_2}	2588.8	2579.5	2126.0	2526.9	2600.7	2588.8	2126.0	2625.5	2526.9	2600.7
	M _{runningTime_badTraces_2}	1053.6	1076.9	1114.4	1137.7	1053.8	1053.6	1076.9	1114.4	1137.7	1053.8
	SD _{runningTime_goodTraces_2}	102.5	69.2	117.6	79.5	96.3	102.5	69.2	117.6	79.5	96.3
	SD _{runningTime_badTraces_2}	210.5	143.5	136.0	194.8	176.3	210.5	143.5	136.0	194.8	176.3
	Ratio _{goodTraces/badTraces_2}	14/16	14/16	15/15	15/15	14/16	14/16	14/16	15/15	15/15	14/16
iter #3	M _{runningTime_goodTraces_3}	X	X	X	X	X	2602.2	2568.2	2151.0	2547.3	2708.0
	M _{runningTime_badTraces_3}	X	X	X	X	X	1053.6	1076.9	1114.4	1137.7	1053.8
	SD _{runningTime_goodTraces_3}	X	X	X	X	X	109.5	94.6	95.9	85.0	709.8
	SD _{runningTime_badTraces_3}	X	X	X	X	X	210.5	143.5	136.0	194.8	176.3
	Ratio _{goodTraces/badTraces_3}	X	X	X	X	X	29/16	29/16	30/15	30/15	29/16
iter #4	M _{runningTime_goodTraces_4}	X	X	X	X	X	2598.8	2566.1	2167.4	2555.2	2675.7
	M _{runningTime_badTraces_4}	X	X	X	X	X	1053.6	1076.9	1114.4	1137.7	1053.8
	SD _{runningTime_goodTraces_4}	X	X	X	X	X	102.9	93.0	92.1	85.3	576.4
	SD _{runningTime_badTraces_4}	X	X	X	X	X	210.5	143.5	136.0	194.8	176.3
	Ratio _{goodTraces/badTraces_4}	X	X	X	X	X	44/16	44/16	45/15	45/15	44/16

TABLE 1

Ranks of bottlenecks for FOREPOST_{RAND} in JPetStore, where the group of bottlenecks is bottlenecks#2 and number of profiles is equal to 15. Times are measured by seconds.